

L Number	Hits	Search Text	DB	Time stamp
1	39669	thermoplastic same elastomer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:40
2	1669886	hose or hoses or tube or tubing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:37
3	2367	(hose or hoses or tube or tubing) same (thermoplastic same elastomer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:37
4	369043	blend or blending or blended or blends	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:38
5	6322	(blend or blending or blended or blends) same (thermoplastic same elastomer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:39
6	454	((blend or blending or blended or blends) same (thermoplastic same elastomer)) and ((hose or hoses or tube or tubing) same (thermoplastic same elastomer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:39
7	3504	thermoplastic near10 elastomer near10 (blend or blending or blended or blends)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:41
8	281	((blend or blending or blended or blends) same (thermoplastic same elastomer)) and ((hose or hoses or tube or tubing) same (thermoplastic same elastomer)) and (thermoplastic near10 elastomer near10 (blend or blending or blended or blends))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:52
9	29114	tetrafluoroethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:53
10	53918	polytetrafluoroethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:53
11	75578	tetrafluoroethylene or polytetrafluoroethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 13:53
12	- 42-	(tetrafluoroethylene or polytetrafluoroethylene) and (((blend or blending or blended or blends) same (thermoplastic same elastomer)) and ((hose or hoses or tube or tubing) same (thermoplastic same elastomer)) and (thermoplastic near10 elastomer near10 (blend or blending or blended or blends)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 14:00
13	35	"4713418"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/27 14:06

14	7	("3484503"   "3987126"   "4128693"   "4252859"   "4265789"   "4413094"   "4520170").PN.	USPAT	2003/03/27 14:05
17	187951	hose or hoses	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/27 14:06
18	875	(hose or hoses) same (thermoplastic same elastomer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/27 14:07
19	131	((blend or blending or blended or blends) same (thermoplastic same elastomer)) same (hose or hoses)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/27 14:07
20	16474	fluoropolymer or fluoroelastomer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/27 14:07
21	12	((blend or blending or blended or blends) same (thermoplastic same elastomer)) same (hose or hoses) and (fluoropolymer or fluoroelastomer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/27 14:09
22	75317	hose or hoses	USOCR	2003/03/27 14:10
23	23342	elastomer or elastomeric	USOCR	2003/03/27 14:10
24	1839	(hose or hoses) and (elastomer or elastomeric)	USOCR	2003/03/27 14:10
25	48	thermoplastis	USOCR	2003/03/27 14:10
26	40048	thermoplastic	USOCR	2003/03/27 14:10
27	279	((hose or hoses) and (elastomer or elastomeric)) and thermoplastic	USOCR	2003/03/27 14:13
28	9093	fluoropolymer or fluoroelastomer or tetrafluoroethylene or polytetrafluoroethylene	USOCR	2003/03/27 14:14
29	30	(fluoropolymer or fluoroelastomer or tetrafluoroethylene or polytetrafluoroethylene) and ((hose or hoses) and (elastomer or elastomeric)) and thermoplastic	USOCR	2003/03/27 14:14

DERWENT-ACC-NO: 1999-474174  
DERWENT-WEEK: 199944  
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TITLE: Composite used in gasket, tube and packaging -  
comprises blend of  
fluorocarbon polymers

PATENT-ASSIGNEE: MITSUBOSHI KK [MITSN]

PRIORITY-DATA: 1998JP-0013378 (January 6, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 11199739 A	July 27, 1999	N/A
004	C08L 027/12	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 11199739A	N/A	1998JP-0013378
	January 6, 1998	

INT-CL (IPC): B29D023/00; C08J003/28 ; C08J007/00 ;  
C08L027/12

ABSTRACTED-PUB-NO: JP 11199739A

BASIC-ABSTRACT: NOVELTY - Composite comprises: (A) ternary polymerised fluoro rubber type thermoplastic elastomer; and (B) a blend of 35-75 mol. % tetrafluoroethylene, 10-35 mol.% vinylidene fluoride and 10-30 mol. % hexafluoro propylene.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the moulded product obtained by heat forming, followed by irradiating with ionising radiation of at least 1 Mrad. The compact mass is then shaped as a tube.

USE - Used in gasket, tube and packaging.

ADVANTAGE - The composite has improved tackiness without affecting its transparency. Fluoro rubber resin has good heat, oil and chemical resistant property.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:

COMPOSITE GASKET TUBE PACKAGE COMPRISE BLEND  
POLYFLUOROCARBON POLYMER

DERWENT-CLASS: A14 A88 A92

CPI-CODES: A04-E10; A07-A02B; A12-H02; A12-H08; A12-P01;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; H0033 H0011 ; H0135 H0124 ; P0500 F\* 7A ; S9999  
S1434

Polymer Index [1.2]

018 ; R00975 G0022 D01 D12 D10 D51 D53 D59 D69 D82 F\*  
7A ; R00363  
G0555 G0022 D01 D12 D10 D51 D53 D58 D69 D82 F\* 7A ;  
R00976 G0022  
D01 D12 D10 D51 D53 D59 D69 D83 F\* 7A ; H0033 H0011 ;  
S9999 S1434

Polymer Index [1.3]

018 ; ND04 ; Q9999 Q9018 ; Q9999 Q8719\*R ; Q9999  
Q8366\*R ; K9745\*R  
; N9999 N6440\*R ; K9803\*R K9790 ; B9999 B5301 B5298  
B5276 ; B9999  
B5492 B5403 B5276 ; N9999 N7227 N7023 ; B9999 B4397  
B4240 ; B9999  
B4682 B4568 ; B9999 B4580 B4568 ; B9999 B4671 B4568

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-139673

DERWENT-ACC-NO: 1997-399709  
DERWENT-WEEK: 199737  
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TITLE: Fluorine containing resin composition e.g. for covering electric wires - comprising fluorine-containing thermoplastic copolymer and fluorine rubber copolymer, with crystalline fluorine resin and/or vinylidene fluoride-fluoro:olefin copolymer

PATENT-ASSIGNEE: NISSEI DENKI KK[NISSN]

PRIORITY-DATA: 1995JP-0352084 (December 26, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 09176425 A	July 8, 1997	N/A
008	C08L 027/12	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 09176425A	N/A	1995JP-0352084
	December 26, 1995	

INT-CL (IPC): C08F214/22; C08F214/26 ; C08L027/12 ;  
C08F214/26 ;  
C08F214:28

ABSTRACTED-PUB-NO: JP 09176425A

BASIC-ABSTRACT: A fluorine-containing resin composition comprises 100 pts. wt. of a composition consisting of a fluorine-containing thermoplastic copolymer with a composition ratio of vinylidene fluoride, hexafluoropropylene and tetrafluoroethylene falling within the range surrounded by 4 points of 10:35:55, 10:15:75, 55:5:40 and 55:15:30 and a fluorine rubber copolymer at a wt. ratio of 98:2-40:60 with upto 40 pts. wt. of a crystalline fluorine resin

and/or a vinylidene fluoride-fluoroolefin copolymer.

USE - Used for electric wire-covering materials,  
electroinsulation tubes and  
heat-shrunk tubes.

ADVANTAGE - The composition does not cause heat softening phenomenon in use at a high temperature around 180 deg. C, has excellent flexibility, mechanical strength and mechanical elongation, low hardness and excellent heat set properties and can mix to provide light colour compositions.

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS:

FLUORINE CONTAIN RESIN COMPOSITION COVER ELECTRIC WIRE  
COMPRISE FLUORINE  
CONTAIN THERMOPLASTIC COPOLYMER FLUORINE RUBBER COPOLYMER  
CRYSTAL FLUORINE  
RESIN VINYLIDENE FLUORIDE FLUORO OLEFIN COPOLYMER

DERWENT-CLASS: A14 A85

CPI-CODES: A04-E01; A04-G01B; A07-A02B;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; R00363 G0555 G0022 D01 D12 D10 D51 D53 D58 D69  
D82 F\* 7A ;  
R00975 G0022 D01 D12 D10 D51 D53 D59 D69 D82 F\* 7A ;  
R00976 G0022  
D01 D12 D10 D51 D53 D59 D69 D83 F\* 7A H0215 ; H0317 ;  
H0033 H0011  
; S9999 S1661

Polymer Index [1.2]

018 ; H0124\*R ; P0500 F\* 7A ; S9999 S1661 ; H0011\*R

Polymer Index [1.3]

018 ; ND04 ; B9999 B4682 B4568 ; K9461 ; K9745\*R ;  
B9999 B4262 B4240  
; B9999 B4035 B3930 B3838 B3747 ; B9999 B3907 B3838  
B3747 ; B9999  
B4091\*R B3838 B3747 ; B9999 B4897 B4740 ; Q9999 Q7352  
Q7330 ; K9596  
K9483 ; K9712 K9676 ; K9687 K9676 ; K9676\*R ; Q9999  
Q7374\*R Q7330

Polymer Index [1.4]

018 ; N9999 N6439 ; B9999 B5607 B5572 ; B9999 B4988\*R  
B4977 B4740  
; K9449 ; B9999 B4171 B4091 B3838 B3747 ; B9999 B3792  
B3747

Polymer Index [1.5]

018 ; R01278 D00 F44 C\* 4A O\* 6A Ca 2A ; A999 A237

Polymer Index [1.6]

018 ; R00733 G0975 D01 D12 D10 D23 D22 D27 D31 D45 D51  
D55 D57 D58  
D76 D92 F19 O\* 6A ; A999 A157\*R

Polymer Index [2.1]

018 ; P0500 F\* 7A ; S9999 S1661

Polymer Index [2.2]

018 ; ND04 ; B9999 B4682 B4568 ; K9461 ; K9745\*R ;  
B9999 B4262 B4240  
; B9999 B4035 B3930 B3838 B3747 ; B9999 B3907 B3838  
B3747 ; B9999  
B4091\*R B3838 B3747 ; B9999 B4897 B4740 ; Q9999 Q7352  
Q7330 ; K9596  
K9483 ; K9712 K9676 ; K9687 K9676 ; K9676\*R ; Q9999  
Q7374\*R Q7330

Polymer Index [2.3]

018 ; B9999 B4795 B4773 B4740

Polymer Index [3.1]

018 ; G0022\*R D01 D51 D53 D69 F\* 7A ; R00363 G0555  
G0022 D01 D12  
D10 D51 D53 D58 D69 D82 F\* 7A ; S9999 S1661 ; H0022  
H0011 ; H0033  
H0011

Polymer Index [3.2]

018 ; ND04 ; B9999 B4682 B4568 ; K9461 ; K9745\*R ;  
B9999 B4262 B4240  
; B9999 B4035 B3930 B3838 B3747 ; B9999 B3907 B3838  
B3747 ; B9999  
B4091\*R B3838 B3747 ; B9999 B4897 B4740 ; Q9999 Q7352  
Q7330 ; K9596  
K9483 ; K9712 K9676 ; K9687 K9676 ; K9676\*R ; Q9999  
Q7374\*R Q7330

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-128725